EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----------|------|--|---|---------------------|---------|------------------|
| S1 | 1162 | dehydrogenat\$3 near7 \$3butane\$1 | US-PGPUB; USPAT | OR | ON | 2007/12/20 07:21 |
| S2 | 833 | dehydrogenat\$3 near7 (butene or butylene) | US-PGPUB; USPAT | OR | ON | 2007/12/20 07:22 |
| S3 | 158 | dehydrogenat\$3 near7 \$3butane\$1 near7 buta\$1diene | US-PGPUB; USPAT | OR | ON | 2007/12/22 08:55 |
| 54 | 373 | dehydrogenat\$3 near7 (butene or butylene) near7 buta\$1diene | US-PGPUB; USPAT | OR | ON | 2007/12/20 08:33 |
| S5 | 119 | S3 and S4 | US-PGPUB; USPAT | OR | ON | 2007/12/20 07:22 |
| S6 | 733 | dehydrogenat\$3 near7 (butene or butylene) near7 buta\$1diene | USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/12/20 08:33 |
| S7 | 348 | dehydrogenat\$3 near7 \$3butane\$1 near7 buta\$1diene | USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/12/20 08:33 |
| S8 | 271 | S6 and S7 | USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/12/20 13:43 |
| S9 | 1 | ("3161670").PN. | US-PGPUB; USPAT | OR | OFF | 2007/12/20 13:43 |
| S10 | 10 | dehydrogenat\$3 with autothermal\$2 with butane with butadiene | US-PGPUB; USPAT | OR | ON | 2007/12/20 20:52 |
| S11 | 0 | dehydrogenat\$3 with autothermal\$2 with butane with butadiene | USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/12/20 20:53 |
| S12 | 19 | dehydrogenat\$3 with autothermal\$2 with butane | US-PGPUB; USPAT | OR | ON | 2007/12/20 20:53 |
| S13 | 172 | S12 not2 | US-PGPUB; USPAT | OR | ON | 2007/12/20 20:53 |
| S14 | 19 | S12 not S11 | US-PGPUB; USPAT | OR | ON | 2007/12/20 20:53 |
| S15 | 9 | S12 not S10 | US-PGPUB; USPAT | OR | ON | 2007/12/20 20:56 |
| S16 | 23 | \$2methyl\$1pyrrolidone near7 extractant\$1 | US-PGPUB; USPAT | OR | ON | 2007/12/20 21:09 |
| S17 | 912 | selectiv\$3 adj2 hydrogenat\$3 near7 butadiene | US-PGPUB; USPAT | OR | ON | 2007/12/20 21:11 |
| S18 | 270 | selectiv\$3 adj2 hydrogenat\$3 near7 butadiene near7 (butene or butylene) | US-PGPUB; USPAT | OR | ON | 2007/12/21 21:27 |

EAST Search History

| S19 | 3 | (("4902849") or ("4996387") or ("5389342")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/12/21 21:27 |
|-----|---|---|--------------------|----|-----|------------------|
| S20 | 4 | (("4902849") or ("4996387") or ("5389342") or ("7034195")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/12/22 08:55 |